

**Abstract**

In accordance with the present invention there is provided devices and methods for use during post-catheterization of an arterial puncture of a blood vessel lumen such as an artery in a patient. The barbed closure device in accordance with the present invention includes an anchor member, an arm member and at least one barb member associated with the arm member, wherein the arm member is movable between a first and second position and the barb members are configured to grip tissue immediately surrounding a periphery of the artery.